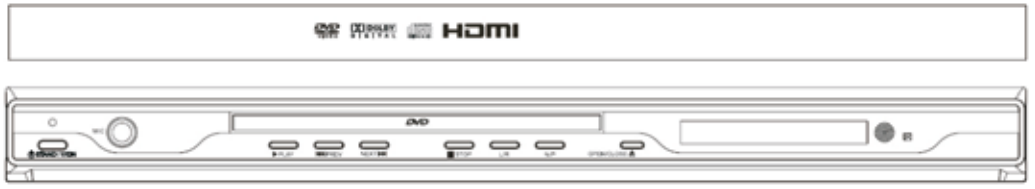
MAG-MDVHD360

MAGNASONIC® MD

HDMI 1080p Up Converting DVD Player with Karaoke

User's Manual



Thank you for your purchase of this Magnasonic product. Please read this Instruction Manual carefully before using product to ensure proper use. Keep this manual in a safe place for future reference.

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IMPORTANT SAFETY PRECAUTIONS

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER ALL SERVICING TO A QUALIFIED SERVICE PROFESSIONAL.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the products enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying this product.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH THE WIDE BLADE OF THE PLUG TO THE WIDE SLOT, AND FULLY INSERT.

- **LASER:** This Digital Video Disc Player employs a Laser System. To ensure proper use of this product, please read this user's manual carefully, and retain for future reference. Should the product require maintenance, contact an qualified service professional - see service procedure.
  Use of controls, adjustments, or the performance of procedures other than those specified, may result in hazardous radiation exposure.
  To prevent direct exposure to the laser beam, do not try to open the exposure. Invisible laser radiation when open and interlocks defeated.

  DO NOT STARE INTO BEAM.

- **DANGER:** Invisible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.

- **CAUTION:** Do not open the top cover. There are no user serviceable parts inside this unit. Refer all servicing to a qualified service professional.

CAUTION: Any changes or modifications to the performance of this product will void your warranty, and could result in revoking your authority to operate this product.

ATTENTION: **IF THIS UNIT IS LEFT IN STANDBY MODE FOR MORE THAN 5 MINUTES, THE SCREEN SAVER WILL APPEAR.**

CAUTION: This product shall not be exposed to dripping or splashing, and no objects filled with liquids, such as vases, shall be placed on this product.

IMPORTANT SAFETY PRECAUTIONS

This set has been designed and manufactured to assure personal safety. Improper use can result in electric shock or fire hazard. The safeguards incorporated in this product will protect you if you observe the following procedures for installation, use, and servicing. This product is fully transistorized and does not contain any parts that can be repaired by the user.

1. READ INSTRUCTIONS

Please read all safety and operating instructions before operating this product.

2. RETAIN INSTRUCTIONS

Please retain all safety and operating instructions for future reference.

3. HEED ALL WARNINGS

All warnings on the unit and in the operating instructions should be adhered to.

4. FOLLOW INSTRUCTIONS

All operating and use instructions should be followed.

5. CLEANING

Unplug this unit from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use only a damp cloth to clean this unit.

6. ATTACHMENTS / ACCESSORIES

Do not use attachments or accessories unless they are recommended by the unit's manufacturer. Using an authorized attachments or accessories may cause damage.

Caution: This product shall not be exposed to dripping or splashing, and no objects filled with liquids, such as cases, shall be placed on this product.

7. WATER AND MOISTURE

Do not use this product near water. For example: near a bath tub, wash bowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool.

8. PLACEMENT

Do not place this product on an unstable cart, stand, tripod, bracket, or table. This product may fall over, causing damage as well as serious injury. Use this product only with a cart, stand, tripod, bracket, or table recommended by the manufacturer.

A product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the product and cart combination to overturn.

PORTABLE CART WARNING (symbol provided by RETAC)

8A

9. VENTILATION

Slots and openings in the case are provided for ventilation to ensure reliable operation of the product, and to protect the product from overheating. These openings must not be blocked or covered. Do not place this product on a bed, sofa, rug, or other similar surface, that could block the ventilation openings. This product should never be placed near or on an apparatus that produces heat, such as a radiator. This product should not be placed in a built-in enclosure, such as a bookcase or rack, unless proper ventilation is provided or the manufacturer's instructions have been adhered to.

10. POWER SOURCES

This product should be operated only from the type of power source indicated on the rating label (located on the rear of this product). If you are not sure of the type of power supply to your home, consult your local electrician or power supply company.

11. GROUNDING OR POLARIZATION

This product is equipped with a polarized alternating - current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet in only one direction.

This is a safety feature. If you are unable to insert the plug fully into the outlet, try revering the plug. If the plug still fails to fit, contact your local electrician for replacement of your obsolete outlet. To prevent electric shock, do not use this polarized plug with an extension cord, receptacle, or other outlet, unless the blades can be fully inserted without blade exposure. If you require the use of an extension cord, ensure the extension cord is polarized.

12. POWER-CORD PROTECTION

The power supply cord should be routed so that it is not likely to be walked on or pinched by items placed upon or against it. Pay particular attention to cords at plugs and the point where they exit from the unit. The mains plug is used as the disconnect device, the disconnect device shall remain readily operable.

13. LIGHTNING

For added protection for this unit during lightning storms, or when it is left unattended or unused for long periods of time; it is recommended that you unplug this unit from the wall outlet. This will prevent damage to this product due to lightning and power line surges.

14. DISC TRAY

Keep your fingers clear of the disc tray as it is closing. Serious injury may result if fingers are caught in the disc tray.

IMPORTANT SAFETY PRECAUTIONS

15. OVERLOADING

Do not overload wall outlets or extension cords, as this can result in a risk of fire or electric shock.

16. OBJECT AND LIQUID ENTRY

Never press objects of any kind into this product through openings, as they may touch dangerous voltage points or “short-out” parts that could result in a fire or electric shock. Never spill liquid of any kind on this product.

17. BURDEN

Never step or place heavy objects on this product. The objects may fall, causing serious personal injury and serious damage to the product.

18. DISC

Do not use a cracked, deformed, or repaired disc. These discs are easily broken and may cause serious personal injury and product malfunction.

19. SERVICING

Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to a qualified service professional.

20. DAMAGE REQUIRING SERVICE

Under the following conditions, unplug this product from the wall outlet and refer all servicing to a qualified service professional.

A. When the power supply cord or plug is damaged.
B. If liquid has been spilled, or objects have fallen into the product.
C. If the product does not operate normally by following the operating instructions. Adjust only those controls and settings that are covered by the operating instructions. Improper adjustments of other controls or settings may result in damage and will often require extensive work by a qualified service professional to restore the product to its original operation.
E. If the product has been dropped or the cabinet has been damaged
F. When the product exhibits a district change in performance, this indicates a need for service.

21. REPLACEMENT PARTS

When replacement parts are required, have the service professional verify that the replacements he/she used have the dame safety characteristics as the original parts. Use of replacement parts specified by the manufacturer can prevent fire, electric shock, or other hazards.

22. SAFETY CHECK

Upon completion of any service or repairs to this product, ask the service professional to perform safety checks recommended by the manufacturer, to determine that the product is in safe operation.

23. WALL OR CEILING MOUNTING

This product should be mounted to a wall or ceiling only as recommended by the manufacturer.

24. HEAT

This product should be situated away from heat sources such as radiators, heat registers, stoves, or other products, such as radiators or amplifiers, that produce heat.

25. POWER PLUG

The power cord is used as the disconnect device. It shall remain readily operable, and should not be obstructed during intended use. To completely disconnect this product from the power source, the power cord of this product should be completely disconnected from the power outlet.

PRODUCT FEATURES

- OUTSTANDING SOUND QUALITY

  The Dolby Digital System is developed by Dolby Laboratories, and features high quality surround sound which can be played from a DVD or CD inserted into this DVD player.
  Dolby Digital produces crystal clear theatre like sound.

- UNIQUE FUNCTIONS

  Multi-angle and multi-language allows you to enjoy more out of your movies. Parental lock makes it easy to control the content of discs.

- SCREEN RATIO

  Standard screen ratio (4:3) and wide screen (16:9) are available.

- COMPATIBILITY

  This product can play DVD-Video and Compact Discs. This product is also compatible in playing the following formats: DVD-R, DVD+R, DVD-RW, DVD+RW, CD, CD-R. CD-RW, PIC-CD, and MP3 CD.

- ZOOM

  Enlarges the current view on the screen.

- MULTI-FUNCTIONS

  Fast forward, fast reverse, forward and reverse slowly, frame play, repeat play, and program play.

- TIME SEARCH

  Search a specific part on a disc, especially good for watching movies.

- RESUME PLAY

  Memorizes the position where the disc is stopped and resume playback from that position.

- VIDEO OUTPUTS

  Composite (Standard Video), Component (Y, Pb, Pr), and HDMI.

- AUDIO OUTPUTS

  HDMI / Analog Audio Output, and Coaxial Audio Output; can be connected with the appropriate amplifier to enjoy high-quality sound.

PACKAGING CONTENTS

- HDMI 1080p Up Converting DVD Player
- Full-Function Remote Control
- 2 x 'AAA' Batteries
- A/V Cable
- User's Guide

DISC INFORMATION

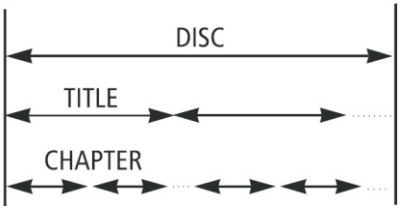
PLAYABLE DISCS

DVD Video	Region Number 1
DVD-R / +R	DVD Video
DVD-RW / +RW	DVD Video
CD-R / CD-RW	Digital Audio / Mp3 / JPEG Format Files
JPEG / Mp3 / MP4	

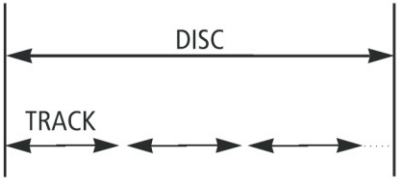
NON PLAYABLE DISCS

DVD Video	Different Region Number, other than Region Number 1
DVD-ROM	Files for PC application / Data files
CD-ROM	Files for PC application / Data files
CD-MP3	Files under Windows format
DVD-RAM	All formats

STRUCTURE OF DVD



STRUCTURE OF CD



TITLE

The images or music on a DVD are often divided into sections:
Disc, Title, and Chapter.
When playing a DVD, the movie is the title.
When play a CD, the combined tracks make up the Disc.

DISC INFORMATION

CHAPTERS

Chapters are comprised of one video stream that has been divided into multiple sections.
For easy search, chapters are often labelled as numbers. However, some DVD Video manufacturers label chapters as text instead.

TRACKS

On a CD, each track has a number to enable search functions.

SCENE

The menu pictures, motion and motionless pictures on a DVD can be divided into sections, these sections are scenes. Each scene has a number for searching.

REGION MANAGEMENT INFORMATION

This unit is designed and manufactured to respond to the Region Management information that is recorded on a DVD disc. The Region Number of this player is “1". If the Region Number described on the DVD disc does not correspond to the Region Number of this player, the player will not play the disc. This player will only play DVD discs made for Region 1. Therefore, this player will play DVD discs marked with labels containing the Region Number “1".

(Region 1)

PREPARATION INSTRUCTIONS

SECURITY

- Before operation, check if the voltage of this product is in line with the voltage of the wall outlet.
- Hold the plug to disconnect it from the mains outlet. Do not pull the power cord.
- When the plug of this product is connected to the mains outlet, this product will still be connected to power even though it is tuned OFF.
- Disconnect the plug as soon as liquid or objects enter this product. Discontinue use of this product until it has been tested and verified by a qualified service professional.
- Do not open the cabinet as laser beams employed by this product may damage eyes. Any servicing should be conducted by a qualified service professional.

PLACEMENT

- Put this product where ventilation is good enough to prevent overheating.
- Never put this product in direct sunlight or near heat sources.
- Put this product horizontally, and never place heavy objects on this product.
- To protect the pickup, do not put this product where there is dust. If there is dust on the pickup, use a cleaning disc to clean it. Pay particular attention to the operation instructions of the cleaning disc.

CONDENSATION

Moisture will appear on the pickup lens if the following occur:

- This product is suddenly moved from a cold place to a warm place.
- This product is put in a room with a heater, or in cold air from an air conditioner.
- Using this product in a humid place.

In these cases, this product can not work. Unload the disc and leave the unit OFF for about an hour, so that the moisture has time to evaporate.

CLEANING THE UNIT

- Use a soft cloth with a little neutral detergent to wipe the cabinet, panel and controls. Never use abrasive paper, polishing powder, solvent like alcohol or gasoline to clean this product.

HANDLING A DISC

- To keep the disc clean, do not touch the playing surface of the disc.
- Do not attach paper or tape to the disc.
- Keep the disc away from direct sunlight or heat sources.
- Store the disc in a disc case after use.

CLEANING A DISC

- Before playing the disc, wipe the disc's playing surface from the inside to outside clean, with a clean cloth.
- Do not use any type of solvent such as thinner, benzine, commercially available cleaners or antistatic spray to clean the disc's playing surface.

PREPARATION INSTRUCTIONS

REMOTE CONTROL USE

1. Open the battery compartment
2. Insert 2 x 'AAA' batteries, ensuring that the "+" and "-" polarities of the batteries match the diagram inside the battery compartment.
3. Close the battery compartment.

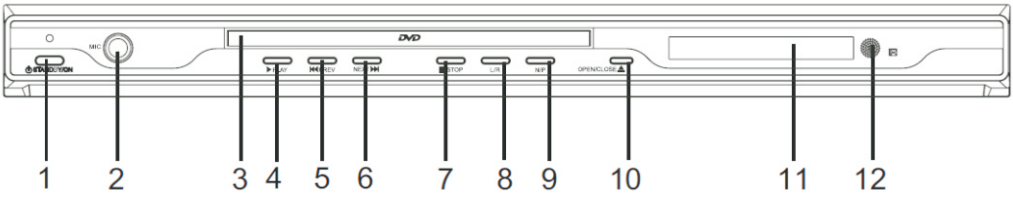
When using the remote control, ensure that the remote is pointed directly at the remote sensor on the front of the player. Also, ensure that there are no objects or obstacles that are obstructing the path between the remote control and remote sensor on the front of the player.

Note:

1. Generally, batteries last for approximately 6 months (depending on use). If the remote control is not functioning properly, try changing the batteries. When replacing the batteries, never mix old and new batteries together.
2. If the remote control will not be used for a long period of time, remove the batteries to prevent battery leakage.

PRODUCT DIAGRAMS

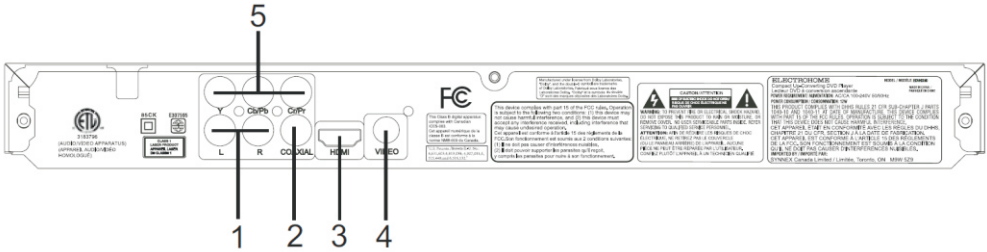
FRONT PANEL



1. **STANDBY/ON**
   Press to switch the unit ON or in STANDBY MODE.
2. **MICROPHONE INPUT JACK**
3. **DISC TRAY**
4. **PLAY Button**
   To play the loaded disc. Press this button to go to the preferred item when the menu is displayed on the screen.
5. **PREV Button**
   To skip back from the current chapter or track.
6. **NEXT Button**
   To skip forward to the next chapter or track.
7. **STOP Button**
8. **L/R Button**
   You may select the right channel, left channel, or stereo sound, for a multi-channel setup.
9. **N/P Button**
   You may select according to the colour system of the connected TV or monitor.
10. **OPEN/CLOSE Button**
    To open or close the disc tray.
11. **DISPLAY**
    Displays the operation status.
12. **IR REMOTE SENSOR**
    Receives a light signal from the remote control.

PRODUCT DIAGRAMS

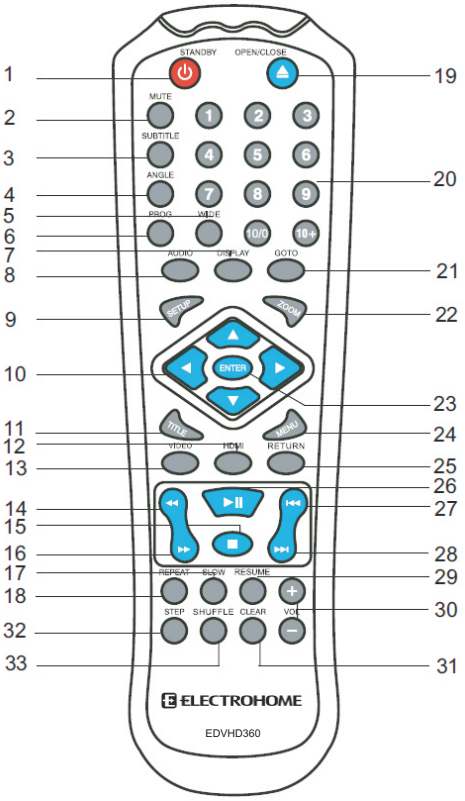
REAR PANEL



1. **AUDIO OUT (L/R)**
2. **DIGITAL AUDIO COAXIAL OUT**
   Connects into an A/V amplifier or receiver equipped with a digital audio decoder, for you to enjoy theatre-quality sound in your home.
3. **HDMI OUTPUT**
4. **VIDEO OUT (Composite Video)**
   Connects composite video signal to the A/V or PHONE jacks of your TV or monitor, achieving high fidelity colour reproduction.
5. **COMPONENT (Y, Pb, Pr)**
   Connects to a TV or monitor equipped with a Component Input. Component Video will allow you to experience sharper, cleaner picture quality compared to using the VIDEO OUT (Composite Video) jack.

PRODUCT DIAGRAMS

REMOTE CONTROL LAYOUT



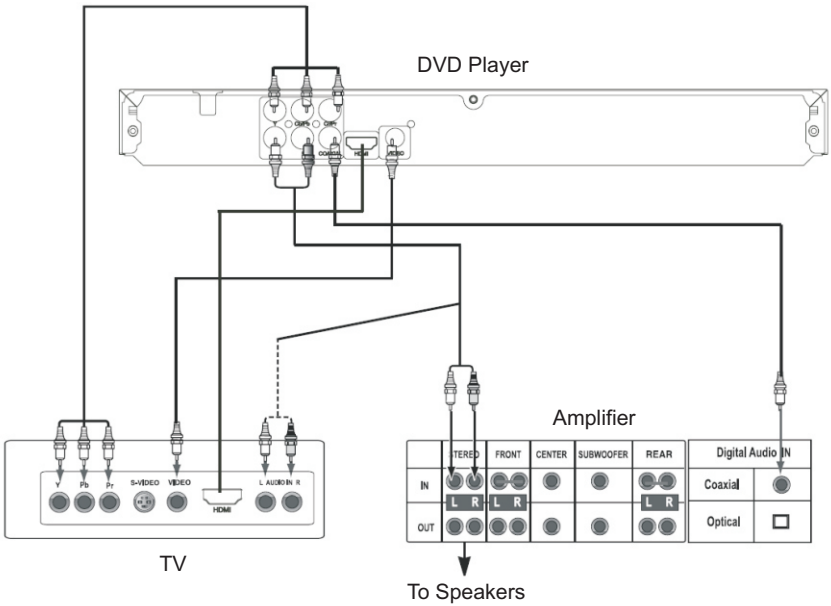
1. STANDBY BUTTON
2. MUTE BUTTON
3. SUBTITLE BUTTON
4. ANGLE BUTTON
5. WIDE BUTTON
6. PROGRAM BUTTON
7. DISPLAY BUTTON
8. AUDIO BUTTON
9. SETUP BUTTON
10. ARROW BUTTONS
11. TITLE BUTTON
12. HDMI BUTTON
13. VIDEO BUTTON
14. FAST REVERSE BUTTON
15. STOP BUTTON
16. FAST FORWARD BUTTON
17. SLOW BUTTON
18. REPEAT BUTTON
19. OPEN/CLOSE BUTTON
20. NUMERIC BUTTONS
21. GOTO BUTTON
22. ZOOM BUTTON
23. ENTER BUTTON
24. MENU BUTTON
25. RETURN BUTTON
26. PLAY/PAUSE BUTTON
27. BACK BUTTON
28. NEXT BUTTON
29. RESUME BUTTON
30. VOLUME +/- BUTTONS
31. CLEAR BUTTON
32. STEP BUTTON
33. SHUFFLE BUTTON

Note: After setting the mode by using the SETUP menu (for example, NTSC select in NTSC/PAL/AUOTO setup), the setting is kept even after the unit is switched off and on.

CONNECTIONS

CONNECTING TO A TV AND AN AUDIO AMPLIFIER

Turn OFF all equipment before making or modifying connections.
This player has many different out connections, such as A/V Output, and Digital Signal Output (COAXIAL). When connecting this player to other electronic devices, be certain to consult the instruction manuals provided for the other devices.



BASIC OPERATION

PLAYING A DISC

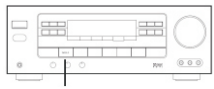
1 Press the “POWER” button on the TV and amplifier system. Press the “TV/VIDEO” button on the TV, and select the appropriate video mode (connection) that the player is connected to.

TV

2 Select the correct audio input on the amplifier.

- Each amplifier is different, so please refer to the instruction manual for your amplifier. (e.g., connect the audio output of the DVD player to the DVD audio input on the amplifier).

Note: *This step can be skipped if an amplifier is not used.*



AMPLIFIER

3 Press the “STANDBY/ON” button on the front panel of the DVD player to turn it on.

4 Press the “OPEN/CLOSE” button to open the disc tray and insert a disc. When inserting a disc, ensure it is inserted with the label side facing upward. Press the “OPEN/CLOSE” button again to close the disc tray. The unit begins to read the disc automatically.

- When playing a DVD, the DVD menus and title are displayed on the TV screen.
- If playing a CD, the disc plays in the order of the track numbers.

5 To stop playback, press the ■ button.

6 To remove the disc, press the “OPEN/CLOSE” button, and remove the disc from the disc tray. Press the “OPEN/CLOSE” button again to close the disc tray.

BASIC OPERATION

MENU

During DVD playback, press the “MENU” button to return the disc back to the DVD’s root menu.

VIDEO

If connected using Component Video. Press the “VIDEO” button on the remote control, and select Component Video.
If connected using Composite Video. Press the “VIDEO” button on the remote control, and select INTERLACE or PROGRESSIVE output.

HDMI

If connected using the HDMI output jack, the movie will be displayed in high definition quality.
Ensure that the HDMI cable is connected directly between the HDMI output jack on the DVD player and the HDMI input jack on the TV. Now, set your TV’s input mode to the appropriate HDMI jack (refer to your TV’s instruction manual). Finally, on the remote control, press the “HDMI” button, to select the appropriate HDMI mode of your choice.

RESUME

During playback, if the “STOP” button is pressed. Press the “PLAY” button to resume playback from the stopped position.

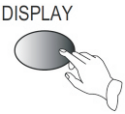
ASPECT RATIO

In stop mode, or when no disc is in the tray. Press the “WIDE” button to select the suitable screen aspect ratio.
The available aspect ratios are:
16:9, 4:3, Pan Scan, 4:3 Letter Box.

DVD PLAYBACK OPERATION

DISPLAY

During playback, press the “DISPLAY” button to show the disc information (ex. disc type, total chapters, current chapter, etc.).



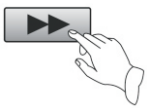
FAST PLAY

While playing a disc, you can easily fast forward or fast reverse to find the section you desire.

1

Press ▶▶ to fast forward. Each time you press this button, the fast forward speed increases in cycles.
Refer to the chart on the right for example.

To resume normal playback, press the “PLAY” button.

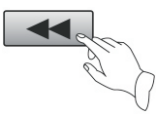


① FORWARDX2 ▶▶
② FORWARDX4 ▶▶
③ FORWARDX8 ▶▶
④ FORWARDX20 ▶▶
⑤ PLAY ▶

2

Press ◀◀ to fast reverse. Each time you press this button, the fast reverse speed increases in cycles.
Refer to the chart on the right for example.

To resume normal playback, press the “PLAY” button.



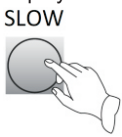
① BACKWARDX2 ◀◀
② BACKWARDX4 ◀◀
③ BACKWARDX8 ◀◀
④ BACKWARDX20 ◀◀
⑤ PLAY ▶

DVD PLAYBACK OPERATION

SLOW PLAY

Press the “SLOW” button, to playback in slow motion. The slow function is disabled for CD/MP3 playback.

To resume normal playback, press the “PLAY” button.



PLAY/PAUSE

Press the “PLAY/PAUSE” button during playback to pause playback.

To resume playback, press the “PLAY” button.

SELECT AUDIO LANGUAGE

When playing a multi-language DVD, you can choose which language to playback in.
Press the “AUDIO” button, then select the language you would like to playback.

Note:
1. Different disc’s have different languages.
2. You can press the “AUDIO” button to choose the language you want when playing multi-language DVD discs.

Attention:
Please select the AUDIO language in the SETUP menu to keep the setting!

DVD PLAYBACK OPERATION

SKIP SCENES ON A DISC

1 Press ▶▶| to move to the next chapter or track.
The current chapter or track moves to the next chapter or track.

2 Press |◀◀ to move to the previous chapter or track.
The current chapter or track moves to the previous chapter or track, or the first scene of the current chapter or track.

DIRECTLY MOVING TO A DESIRED TITLE (DVD)

Some movie disc's may contain multiple titles. If the disc has a movie title menu recorded on it, the "TITLE" button can be used to select the movie title.

Note: Details of this operation may vary depending on the disc used.

1 Press the "TITLE" button.
A list of titles on the disc will be displayed on the screen.

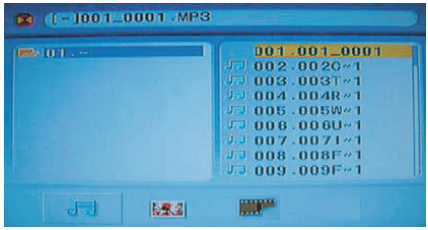
2 Use the " ◀ ▶▲▼ " or numeric keypad buttons to select the desired title.
After you have made your selection, press the "ENTER" button to begin playback.

Note : You can select the desired title directly by using the numeric buttons on the remote control.

DVD PLAYBACK OPERATION

PLAYING A DISC CONTAINING MP3 FILES

1 When a MP3 disc is loaded, the MP3 menu screen is displayed automatically, depending on the MP3 disc's folder structure.



2 Using the " ◀ ▶▲▼ " buttons, select the folder you want to play (from the screen on the left), then press the "ENTER" button.

This feature allows you to see the files listed under the selected folder.

3 Using the " ◀ ▶▲▼ " buttons, select an MP3 file. Once selected, press the "ENTER" button, and playback will begin automatically.

If you know the MP3 file number, you may directly enter the MP3 files number using the numeric keypad buttons on the remote control.

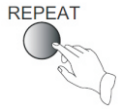
4 Press ⏮ on the remote control to choose the next MP3 file. Press ⏭ on the remote control to choose the previous MP3 file.

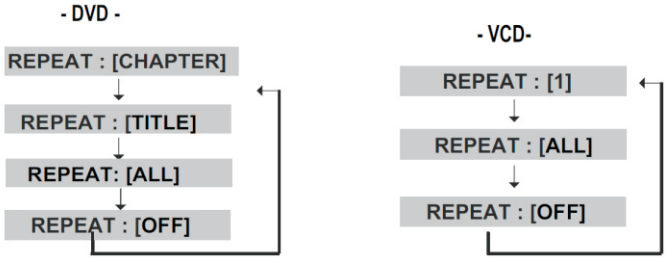
If you know the MP3 file number, you may directly enter the MP3 files number using the numeric keypad buttons on the remote control.

DVD PLAYBACK OPERATION

REPEAT PLAY

When playing a disc, this function can be used to repeatedly play a title , chapter, or disc.
Press the “REPEAT” button, the screen will display in order as below:





- **Chapters:** Current chapter will play repeatedly.
- **Titles:** Current title will play repeatedly.
- **ALL:** The player will repeatedly playback all contents.
- **1:** Current track (single) will play repeatedly.
- **OFF:** Repeat playback is cancelled.

Note: If using a VCD disc, repeat playback starts only in PBC OFF mode.

SHUFFLE FUNCTION

The shuffle function allows you to play the titles or chapters on the DVD/CD in random order.
Press the “SHUFFLE” button, the words “SHUFFLE” will be displayed.
To cancel random play, press the “SHUFFLE” button again. The orders “SHUFFLE : [OFF]” will be displayed.

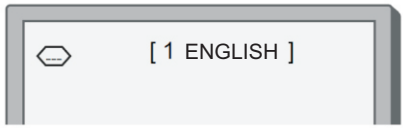
DVD PLAYBACK OPERATION

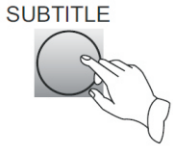
SELECT A SUBTITLE LANGUAGE

When playing a multi-subtitle DVD, you may select one subtitle to show it on the screen.

1 Repeatedly press the “SUBTITLE” button until your preferred language appears.

If the DVD contains subtitle data, pressing the “SUBTITLE” button repeatedly switches between the available subtitle languages.





2 To stop displaying subtitles:
Press the “SUBTITLE” button until the screen shows “SUBTITLE OFF”.

Note:
1. For some discs, subtitles cannot be displayed or removed.
2. The subtitle function is disc-dependent; check the disc’s box for subtitle availability.

MICROPHONE CONTROL

MICROPHONE SETUP

1 To activate the Microphone, please set to MIC SETUP in the AUDIO SETUP menu.

2 Connect the Microphone to the input jack on the front panel.

3 Insert a Karaoke disc (label side facing up) and select the track you would like to play.

4 Select either the Left, Right, Mixed, or Stereo mode, using the L/R button on the remote control.

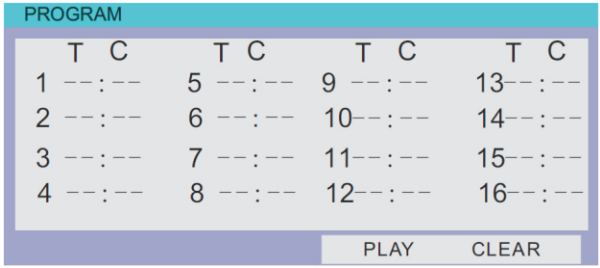
5 Adjust to a comfortable volume level using the volume (+/-) buttons on the remote control. You can also adjust the volume on your TV set or amplifier.

Note: Microphone is sold separately.

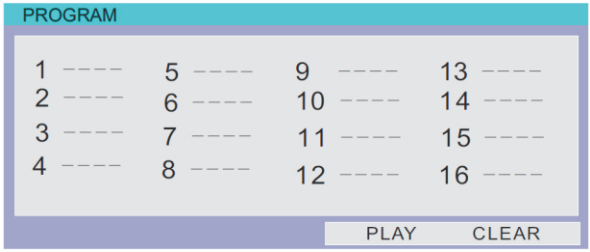
DVD PLAYBACK OPERATION

PROGRAM

This function can be used to play selected chapters and titles in a desired sequence.
Press the “PROG” button when playing a DVD, the following menu will appear:



Press the “PROG” button when playing a VCD/MP3/CD. The following menu will appear:



Use the “UP/DOWN” buttons to highlight the desired title, or use the numeric keypad buttons on the remote control to input the number for the Title (T) and Chapter (C) (for DVD’s), or track number (for VCD/MP3/CD) that you want to play.
Repeat this process in the order that you desire all the items to play back in.

To start playback of the selected items in the specified sequence, use the directional buttons to highlight “PLAY” on the display. Once highlighted, press the “ENTER” button. Playback will begin immediately.

To remove selections from the program list, highlight and select “Clear” or press the “CLEAR” button to delete the selected items.

DVD PLAYBACK OPERATION

GOTO

For VCD/CD: During playback, press the “GOTO” button to display the following menu:

VCD:

CD:

Use the “LEFT/RIGHT” navigation buttons to select the ‘track/time’. Using the numeric keypad buttons on the remote control, input the ‘track/time’ you want to play.

For DVD: During playback, press the “GOTO” button to display the following menu:

DVD:

Use the “LEFT/RIGHT” navigation buttons to select the ‘track/time’. Using the numeric keypad buttons on the remote control, input the ‘track/time’ you want to play.

STEP

During playback, press this button to step through the video in stages (frame by frame).

DVD PLAYBACK OPERATION

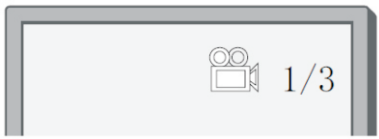
SELECT ANGLE

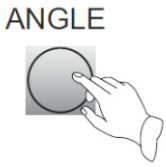
Some disc's have multiple screen angles that you can select from.
For example: if watching a train in motion, you may be able to select to view the train from the front, left side, and right side, without stopping playback.

Note: The Multi Angle function is limited to DVD disc's that support Multi Angle information.

Keep pressing the "ANGLE" button until the preferred angle appears.

- 1/3 (select ANGLE 1)
- 2/3 (select ANGLE 2)
- 3/3 (select ANGLE 3)

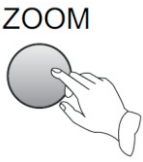


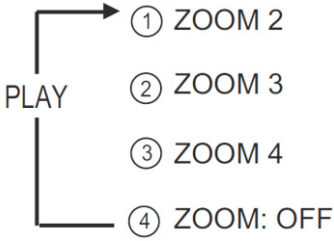


ZOOM PLAY

This function can be used to enlarge the current video or image.

1 Press the "ZOOM" button when playing, the screen displays:



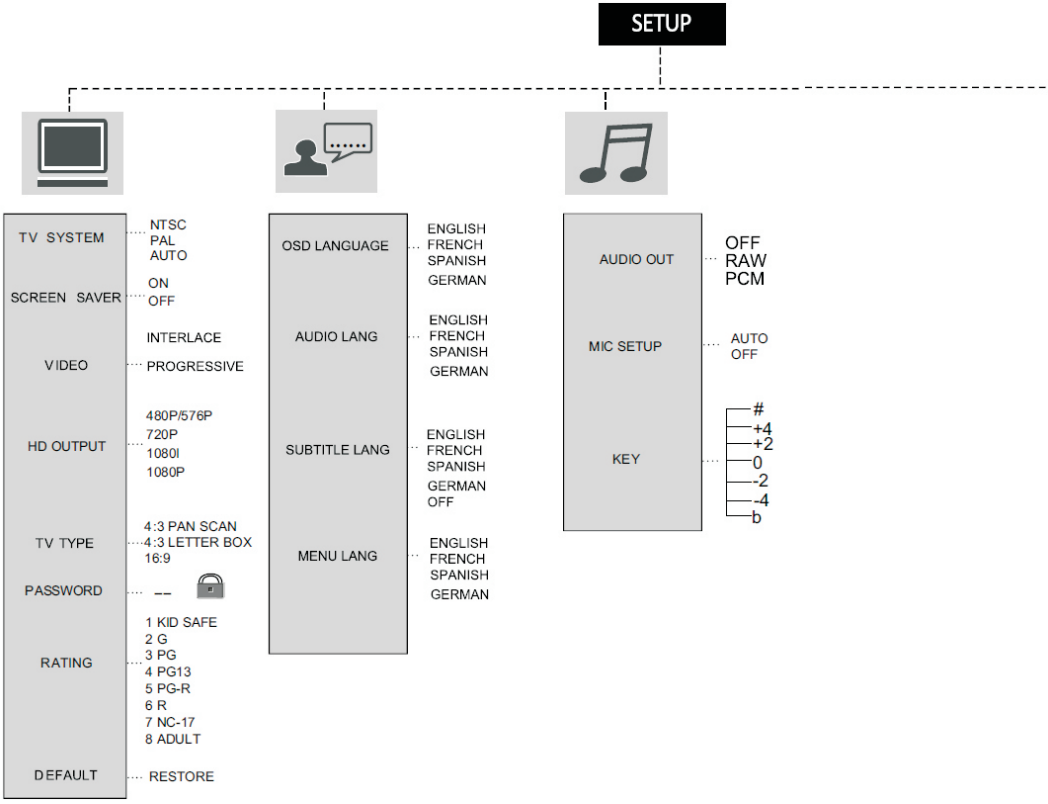


2 Press the " ◄►▲▼ " buttons to move the enlarged picture.

FUNCTION SETTINGS

MENU SETTINGS

Depending on the recorded information and external equipment, you may set the following functions for DVD playback to obtain the best playing performance. Press the “SETUP” button to enter the Setup Main Menu.



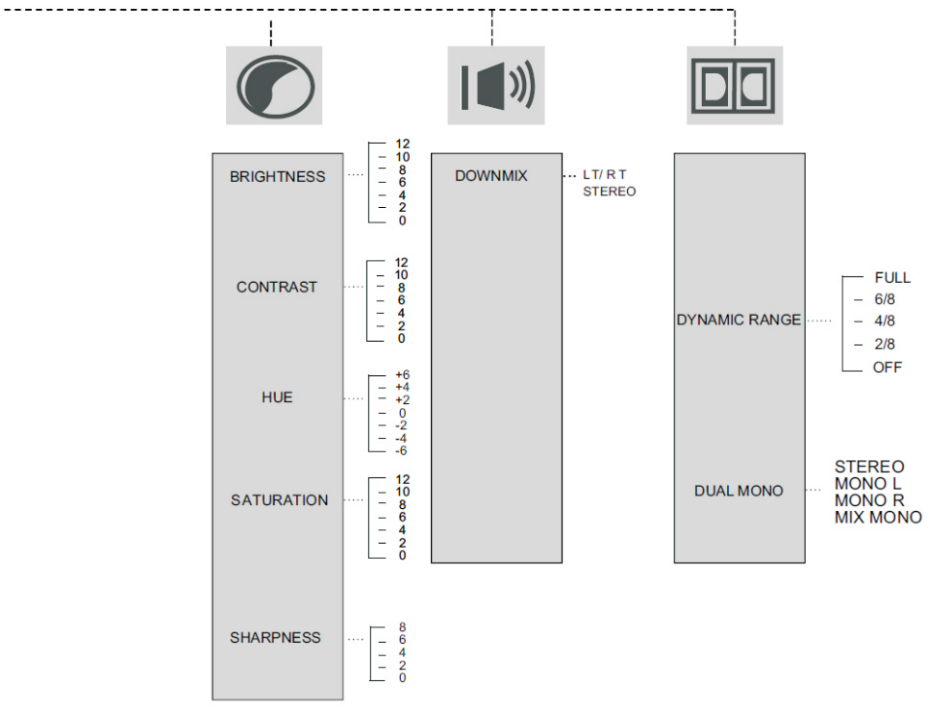
FUNCTION SETTINGS

BASIC NAVIGATION

To navigate through the settings on the screen, use the directional buttons to scroll through the list of settings. Use the “ENTER” button to select the highlighted function.

SETUP MENU

Press the “SETUP” button to enter the On Screen Display. In each of the menus, select the MAIN PAGE (SETUP menu) will immediately return you to the initial screen.
At anytime you may press the “SETUP” button again to exit the On Screen Display.



FUNCTION SETTINGS

TV SYSTEM

You can select from NTSC, PAL, and AUTO.
- Select “NTSC” for an NTSC TV
- Select “PAL” for a PAL TV.
- Select “AUTO” for a multi-system TV.

SCREEN SAVER

You can set the screen saver ON or OFF.

VIDEO

You can set the Video Output Mode to INTERLACE or PROGRESSIVE.
Note: This selection can only be made when the HD output resolution is set at 480p/576p.

HD OUTPUT

There are four selectable HD output resolutions: 480p/576p, 720p, 1080i, and 1080p.
Note: When the HD output resolution is set to 720p, 1080i, or 1080p, the other VIDEO outputs will be disabled.

TV TYPE

1 **4:3 PAN SCAN**
Select this option when the player is connected to a standard definition TV. Wide screen images are shown on the screen, but with some parts cropped.

2 **4:3 LETTER BOX**
Select this option when the player is connected to a standard definition TV. Wide screen images are shown on the screen with black bars on the top and bottom.

3 **16:9**
This is selected when the unit is connected to a wide screen TV.

FUNCTION SETTINGS

PASSWORD

Enter SYSTEM SETUP, select the PASSWORD item by scrolling using the “DOWN” navigation button. Then press the RIGHT navigation button to select the input box.

Input password "0000" to unlock. To change the password, select the input box again and input another new four digit numeric number. Now press the “ENTER” button to confirm. Once you have changed the password, you will need to use your new password to unlock the player.

Note: If you have forgotten your password, you can always use the master password “8888" to unlock the player. If the wrong password has been inputted in unlock status, the system will lock.

RATING

Use to set the parental rating of this player. If you want to change the parental lock rating, please input the password to unlock the player first.
Options: KID SAFE / G / PG / PG 13 / PG-R / R / NC-17 / ADULT

DEFAULT

This functions restores the player to the factory default settings.

LANGUAGE

OSD LANGUAGE
When selecting a language, the screen shows the language you have selected.
For example, if you select ENGLISH, the OSD will be displayed in English.

AUDIO LANGUAGE
- Selecting an Audio Language.
  Set the audio language as your preferred language. If the audio language set is the same as the audio language on the disc, then the disc will automatically play the set language. For example: if English is set and recorded as the audio language on the disc, it will play in English.

SUBTITLE LANGUAGE
- Selecting Subtitle Language.
  Set the subtitle language as your preferred language. If the subtitle language set is the same as the subtitle language on the disc, then the disc will automatically play the set language. For example: if English is set and recorded as the subtitle language on the disc, it will play in English.

MENU LANG
- Selecting the Disc Menu Language.
  Set the disc menu language as your preferred language. If the disc menu language set is the same as the disc menu language on the disc, then the disc will automatically play the set language. For example: if English is set and recorded as the disc menu language on the disc, the disc menu will be displayed in English.

FUNCTION SETTINGS

AUDIO OUT

- OFF
- RAW
  Select this option when the DVD player is connected to a powered amplifier through a coaxial cable or optical cable.
- PCM
  Select this when the DVD player is connected with a 2-channel digital stereo amplifier, through a coaxial cable or optical cable.

KEY

Press the “UP/DOWN” button to select the KEY. Then use the "RIGHT/UP/DOWN" buttons to adjust the contrast level from b to #.

MIC SETUP

- **AUTO:** The microphone inputs are activated.
- **OFF:** The microphone inputs are disabled.

BRIGHTNESS

Press the “UP/DOWN” buttons to adjust the brightness level from 0 to 12.

CONTRAST

Press the “UP/DOWN” buttons to adjust the contrast level from 0 to 12.

HUE

Press the “UP/DOWN” buttons to adjust the hue level from -6 to 6.

SATURATION

Press the “UP/DOWN” buttons to adjust the saturation level from 0 to 12.

DOWNMIX

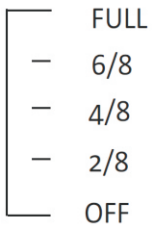
Select the DOWNMIX mode to LT/RT or STEREO.

FUNCTION SETTINGS

DYNAMIC RANGE

Reduces large variations in volume for night-time listening and to avoid loud sounds such as explosions.

ON: Loud sounds such as explosions are tuned down slightly.
OFF: The unit plays back at the recording level on the disc.



DUAL MONO

This is the output mode of the L and R signals of the players audio output. If it is set to “MIX MONO”, this function only works when the DVD is being played in 2-channels.

- STEREO
  This option will output a false stereo signal
- MONO L
- MONO R
- MIX MONO

TROUBLESHOOTING

If you are experiencing technical problems with this unit; before requesting service, check the chart below for a possible cause of the problem you are experiencing. Some simple checks or a minor adjustment on your part may eliminate the problem and restore proper operation.

If you are unsure about some of the remedies indicated below, or they are unable to resolve your problem, please contact MAGNASONIC's customer support centre at 1-800-663-5954, or visit www.magnasonic.ca.

Problem	Solution
No power	Check if the power cord has been properly connected to the power outlet. Check if the unit has been switched ON.
Does not play	No disc, load a disc. Disc has been loaded upside down. Place the disc with the label side up. Disc's rating level is higher than the player's rating level setting. Disc is not the correct type for the player. Disc is damaged or dirty. Clean the disc or try another disc. Moisture may be condensed inside the player. Remove the disc and leave the unit power OFF for one or two hours.
No picture	Check that the TV is powered ON. Use the TV remote to select the A/V signal for DVD rather than broadcast. Check that the connections are proper and secure. Check if the connection cables are damaged. Verify the disc being used is compatible. Try cleaning the disc.
Picture noise / distorted	The disc is dirty or damaged. Clean the disc or try another disc. Reset the colour system of the TV set. If connected through another electronic device, try connecting the player directly to the TV set.
Picture not full screen	Select the screen format from the player's SETUP MENU.
Malfunction	Select the screen format from the DVD disc menu. Should the player develop a malfunction, unplug the player for 30 minutes. After 30 minutes, power ON the player and the restore function should reset the player.
Cannot SKIP or SEARCH	Some discs are programmed to not allow users to SKIP or SEARCH at some sections. Single Chapter discs do not support the SKIP function.
No sound or sound output is distorted	Check if the TV and Amplifier have been switch ON, and correctly set. Check if the TV and Amplifier system connection is secured. Press AUDIO to select other audio tracks. Check if the MUTE function of the TV or Amplifier has been activated. The sound will not output during REVERSE PLAY / PAUSE / STEP / SLOW and SEARCH.
Remote control does not function	Remove the obstacles between the remote control and the player. Point the remote control towards the remote sensor on the player. Check if the batteries of the remote control are installed matching the correct polarities. Replace the batteries in the remote control.

TECHNICAL SPECIFICATIONS

Laser		Wavelength 650nm
Video		NTSC/PAL/AUTO
Frequency Response		20Hz ~ 20KHz (±1dB)
Signal/Noise Ratio		≥90dB
Channel Separation		≥85dB (1KHz)
Dynamic Range		≥80dB (1KHz)
Output Audio	Analog	Output level: 2.0 + 0/-0.2Vrms (Load impedance: 10k Ω)
	Digital	Output level: 0.5 ± 0.1Vp-p (Load impedance: 75 Ω)
Output Video	Composite	Output level: 1.0 ± 0.1Vp-p (Load impedance: 75 Ω, imbalanced, negative polarity)
	Component	Y: 1Vp-p, Pb/Pr: 0.7Vp-p (Load impedance: 75 Ω)
HDMI		Audio / Video Output: 480p/576p, 720p, 1080i, and 1080p
Power		100-240V ~ 50Hz/60Hz

Note: *the design and specifications in this user's guide are subject to change without notice.*

IMPORTANT DISPOSAL INFORMATION

As a responsible manufacturer we care about the environment. As such we urge you to follow the correct disposal procedure for this product, batteries, and packaging materials. This will help conserve natural resources and ensure that it is recycled in a manner that protects the health of our environment.

You must dispose of this product and its packaging according to local laws and regulations. Because this product contains electronic components and batteries, the product and its accessories must be disposed of separately from household waste, when the product reaches its end of life.
Contact your local recycling facility to learn about disposal and recycling programs in your area. If applicable, it is recommended to take this product and batteries directly to your local recycling facility.

This unit uses 2 x 'AAA' batteries. These batteries are located in the remote control and are readily accessible. To remove the batteries, first remove the battery cover on the bottom of the remote control.